Urban Sanitary District of

BRAMPTON AND WALTON.

Annual Report for 1914.

AREA IN ACRES:

Land, 9,691 acres. Water, 43 acres. Total, 9,734.

	Census, 1911.	1914.
Population	2,150 ...	2,200
Inhabited Houses	486 ...	487
New houses erected during the year ...		4

Rateable Value, £17,025. Assessable Value, £11,086.

General District Rate, 2/1

Poor Rate, 4/2.

Birth Rate, 19.

Infantile Mortality, 73·1.

Death Rate from all causes, 13·1.

Death Rate from Epidemic diseases, 0·0.

Death Rate from Phthisis, 0·9.

CHESTERFIELD:

BRAYSHAW & BATEMAN, LOW PAVEMENT,

1915.

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Annual Report for 1914.

GENTLEMEN—

I have pleasure in presenting the Annual Report for the year 1914, on the Health of your District.

The number of new houses erected in the district during the year is 4. There is not much probability of any activity in the building line during the present state of affairs, so that during the coming year there will be few or no new houses.

The district is mainly agricultural ; the only industry of any importance in the district is stone-quarrying. The portion of the district bordering on the Borough of Chesterfield is residential in character

The population at the census of 1911 was 2150, and the estimate I have made for the middle of 1914 is 2200. This figure I have obtained by adding the excess of births over deaths to the estimate for the previous year, and also adding to the figure thus obtained, the increase by new occupied houses.

Births and Deaths.

During the year there were 42 births—20 boys and 22 girls—exactly the same as last year. There was only one illegitimate birth. The birth-rate works out at 19, a slightly lower rate than the average for the past ten years.

There were 25 deaths in the district. To this must be added 4 "inward" transferable deaths. Nineteen of these were males and ten were females. Nearly two-thirds of the deaths were in persons over 60 years of age; five of the deaths occurred in persons over 80; eight over 70.

Infantile Mortality.

During the year there were three deaths in infants under one year. In not one of these cases could the death be termed "preventable." One was due to premature birth, one to congenital malformation, and the third to congenital debility.

The Infantile Mortality is 71·4. The average for the last ten years was 102·4. The rate for 1913 was 47·6. These figures emphasise my previous remark about the large variations from year to year, where the numbers are very small.

The Notification of Births Act is now in force. From the date at which it came into operation up to the end of the year there were nine births notified.

Seven of these cases have been visited personally by myself, and, where necessary, advice as regards the feeding and management of the child has been given. In only one case was the child artificially fed, and in this case it was done on my advice. I have made the first visit within a week of the birth, so that if there is any congenital defect or disease, it might be attended to at the earliest opportunity. Second visits were made in most of the cases.

Water Supply.

The district is supplied by the Chesterfield Gas and Water Board, and also by private sources, *i.e.*, wells. The number of houses supplied by the former is 252; the number of houses which have been connected with the public water supply this year is 4.

The prolonged drought during the early summer caused a shortage of water amongst those houses whose source of supply is by wells. In some cases it necessitated the carriage of water several miles.

I inspected the gathering ground of the Linacre Reservoirs, and found it quite satisfactory.

Drainage and Sewerage.

I have visited the sewage Works at Holymoorside and Cutthorpe. In both cases more systematic and regular attention must be paid to them. Some of the other beds which have not been in use for some time might be made use of now, and the beds in use be given a rest.

There are 401 houses with privy middens, 65 with water-closets, 19 with pail closets, 13 houses have been converted to W.C.'s.

During the present crisis it would be a great hardship on some property owners to insist on conversion to W.C.'s in every case where it is possible, but in every case where the existing conditions are such, that they cannot be put into a satisfactory state we must insist on conversion.

The scavenging of the whole district is being carried out. In one ward the contractor did not attend to the work, so that your Inspector had to employ another man to do the necessary work. The one ward in which the work has been done by men directly employed by the Council has been the most satisfactorily scavenged ward. I think it would be advisable to extend this method to the other wards. A larger number of the occupiers are providing covered ash-bins, which greatly facilitates the scavengers' work. Your Inspector is arranging for the work to be done at regular intervals.

Sanitary Inspection of the District.

At the end of this report is appended your Inspector's report and the summary of inspections made, notices served, defects discovered, and the action taken with regard to these.

There are no offensive trades carried on in the district, nor are there any lodging houses.

Schools.

There are four schools in the district; in the case of two (Holymoorside and Cutthorpe) these have now a water-carriage system for the sewage. All four schools have a good water supply.

In February a case of Diphtheria occurred in a child who attended Walton School. I immediately had swabs examined from the throats of all the children attending that school. Fortunately all proved negative.

As Medical Inspector of Schools for the district I have examined 79 children—30 entrants and 44 leavers, and 5 special cases. The defects found were :—

Skin Diseases	2
Defective Vision	6
Tonsils and Adenoids	4
Goitre	1
Suspected Tubercular	1

Milk Supply.

Your Inspector and myself have inspected the cow-sheds in the district. There are 53 on the register, and 106 inspections were made. The number of defects found and remedied were 3. There is an improvement in the condition of the cowsheds, and more attention is paid to the lime-washing of them. The lime-washers which have been supplied by your Council have been of great service, and have been used by nearly all the cow-keepers ; a few still prefer the old method with the brush, with which it can be laid on thicker. The milk is generally of good quality, and the major portion of it is retailed in the Borough of Chesterfield.

I have had a leaflet, "clean milk," given to each cow-keeper in the district. This leaflet explains the sources of contamination of milk :

(1) The Cow,
(2) The Milk,
(3) The Cowshed,
(4) Milk pails and pans,
(5) Milk Coolers,

and under each heading is given the remedy for avoiding such contamination.

The milk carts belonging to the district have certainly improved in appearance. At the Holymoorside Show the turn-out of milk carts shown there could not have been beaten.

Three samples of milk were sent to the County Council Laboratory for examination, and all proved satisfactory.

Slaughter-Houses.

There are 5 slaughter-houses on the register. Your Inspector has made 39 visits of inspection, and I have also paid visits on slaughtering days, and have also inspected the carcases. No diseased meat was found, and all the meat was of good quality.

Housing.

There is a sufficiency of houses for the district, and, generally speaking, they are in a satisfactory condition. The majority of the "houses for the working classes" are occupied by those who are employed outside your district. I believe if more houses of the cottage type were erected that they would immediately find occupiers, as a number of workmen find that the benefit and pleasure derived from living "further out" fully compensates for the longer distance from work.

Work done under Housing and Town Planning Act, 1909.

No of Houses inspected.	Defects found.	Nature of defects.	No. of houses unfit.	Representations made to local Authority.	Closing Orders made.	Defects remedied.
64	42	various.	0	0	0	42

Factories and Workshops.

There are on the register 17 ; one is a bake-house, one a laundry, the others are clay-pits, quarries, and joiners' shops.

Under Sec. 107, Sub Sec. 2. Fact. & Workshop Act, 1901, two notifications have been forwarded to me. In both cases the home conditions are quite satisfactory.

Infectious Diseases.

The number of cases notified under this heading is :—

Diphtheria	2
Scarlet Fever	1
Erysipelas	1
Pulmonary Tuberculosis ...	4

Both cases of diphtheria were isolated cases, as was also the case of scarlet fever. One case of diphtheria was removed to Penmore Isolation Hospital, as it was a serious case requiring operation.

Disinfection was carried out in each case by the use of formalin, the bedding and clothing, where necessary, were disinfected at the steam disinfector.

The bacteriological examinations which are carried out at the County Council's laboratory were made use of where necessary. The number of examinations made for the district were as follows :—

	Positive	Negative
Enteric Fever	0	0
Diphtheria	6	13
Phthisis	2	1
Milk	0	3

Tuberculosis.

The number of cases notified was 4, all being cases of pulmonary tuberculosis. One case is not a resident of the district. There are 11 cases of tuberculosis resident in the district. Six are benig treated at the tuberculosis dispensary; the others are being treated privately.

The Health visitor for this district—Nurse Harvey—has made 42 visits, and has impressed on the patients the necessity of absolute cleanliness in habits and person so as to prevent further spread of the infection. Three of the cases used the shelters provided by the County Council. Each case of pulmonary tuberculosis is supplied with a sputum flask. There were two deaths from pulmonary tuberculosis, which gives a death-rate of ·9.

The same attention is paid to disinfection in cases of tuberculosis as in cases of other infectious diseases.

No members of your staff have enlisted or been called upon in consequence of the war. Since August last we have had a unit of the Army Service Corps quartered in the district. In accordance with instructions from the Local Government Board, I placed my services at the disposal of the Commanding Officer. In conjunction with him I have made frequent inspections of the quarters, and have also inspected the food supply.

Everything is exceedingly satisfactory, and the quarters are kept in a high state of sanitary efficiency.

No illness of any note has occurred amongst the men and their general health is very good.

The vital statistics of the district are given at the end of the report in Tables (I-IV.)

Your Inspector's Report, with summary of work done, is also appended.

I am,

Gentlemen,

Your obedient servant,

R. A. McCREA.

26th February, 1915.

Inspector of Nuisances Report, 1914.

GENTLEMEN,

I have pleasure in submitting to you my Annual Report for the year 1914.

There has been four new houses erected in your District during the year, all of which are fitted with w.c.'s and a public water supply.

The number of milk-sellers on the Register is 53, being an increase of 4.

The number of Shelters in the District at the present time is three, two of which are unoccupied, the patients having both died, and the places disinfected.

The following is a Summary of Inspections made during the year:—

Works in course of progress	61
Slaughter-houses	39
Workshops	4
Cowsheds	106
Infectious Diseases (first visits)	6
,, ,, (disinfected)	10
Schools	7
Under Housing and Town Planning Act ...	44
Other Inspections	302
Total	599

I am,

Gentlemen,

Your obedient Servant,

W. J. NICHOLLS.

TABLE 1.—Vital Statistics of Whole District during 1914 and previous years.

Year.	Population estimated to middle of each year.	Births.			Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
		Un-corrected Number.	Nett.						Under 1 Year of Age.		At all Ages.	
			Number	Rate.	Number	Rate.	of Non-residents regis-tered in the District.	of Resi-dents not reg-istered in the District	Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1909	3070	57	..	18·5	45	14·6	0	1	4	70	46	14·9
1910	3130	57	...	18·2	32	10·2	0	0	6	105	32	10·2
1911	2125	45	...	21·1	27	12·7	1	1	6	133·3	27	12·7
1912	2150	44	..	20·4	24	11·1	0	2	6	136·3	26	12·0
1913	2175	41	42	19·3	26	11·9	2	3	2	47·6	27	12·4
1914	2200	41	42	19·6	25	11·3	0	4	3	73·1	29	13·1

Area of District in acres (land and inland water) 9734. Total population at all ages, 2150. Total families or separate occupiers 487.

TABLE II.

Cases of Infectious Disease notified during the year 1914, in the Brampton and Walton Urban District.

	At all ages.	1 to 5.	15 to 25.	25 to 45.	45 to 65
Diphtheria (including Membranous Croup)	2	1	1	—	—
Erysipelas	1	—	—	—	1
Scarlet Fever	1	—	—	—	1
Pulmonary Tuberculosis	4	—	1	2	1
Totals	8	1	2	2	3

Total Cases removed to Hospital 1

ISOLATION HOSPITAL—Penmore Hospital, Hasland, Chesterfield.

TABLE III.

Causes of and Ages at Death during the year 1914 in the Brampton & Walton Urban District.

	All ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.
All Causes :—									
Certified	29	3	1	2	—	—	2	5	16
Uncertified	—	—	—	—	—	—	—	—	—
Influenza	1	—	—	—	—	—	—	—	1
Phthisis (Pulmonary Tuberculosis) ...	2	—	—	—	—	—	1	1	—
Organic Heart Disease ..	3	—	—	—	—	—	—	—	3
Bronchitis	2	—	—	1	—	—	—	—	1
Pneumonia (all forms) ...	1	—	—	—	—	—	—	1	—
Other diseases of respiratory organs	1	—	—	—	—	—	—	—	1
Congenital Debility and Malformation, including Premature Birth ...	2	2	—	—	—	—	—	—	—
Violent Deaths, excluding Suicide	2	—	—	1	—	—	1	—	—
Other Defined Diseases ...	14	1	—	—	—	—	—	3	10
Diseases ill-defined or unknown	1	—	1	—	—	—	—	—	—
Totals	29	3	1	2	—	—	2	5	16

TABLE IV.

Infant Mortality during the Year 1914, in the Brampton and Walton District.

Nett Deaths from stated causes at various Ages under 1 Year of age.

	Under 1 week.	2—3 weeks.	6—9 months.	Total Deaths under 1 year.
All Causes:—				
Certified	1	1	1	3
Uncertified	—	—	—	—
Congenital Malformations	—	—	1	1
Premature Birth	1	—	—	1
Atrophy, Debility and Marasmus	—	1	—	1
Totals... ...	1	1	1	3

Nett Births in the year—Legitimate, 41.

Illegitimate, 1.

Nett Deaths in the year of Legitimate Infants, 3.

" " " " Illegitimate " 0.

BRAMPTON AND WALTON SANITARY DISTRICT

Area of District, 9,734 acres.

New Houses erected during 1914, 4.

HOUSING AND TOWN PLANNING—

No. of Houses Inspected under Section 17, 64.

No. Repaired without Closing Order, 42.

	Number of Informal Notices Served by Sanitary Inspeector.	Number of Nuisances Abated with or without Notice.
DRAINAGE—		
Defective Traps, Inlets, and Drains...	15	15
Drains Obstructed	1	1
CLOSETS AND ASHPITS—		
Insanitary Privies, Pail Closets and Ashpits	3	3
Conversion of Pail Closets into W.C.'s ...		9
OTHER DEFECTS—		
Houses and Roofs Repaired	23	23
Totals	42	51

	Number on Register.	Inspections made.	Notices served.	Nuisances Abated with or without Notice.
Dairies, Cowsheds, and Milkshops	53	106	3	3
Bakehouses	1	—	—	—
Slaughterhouses	5	39	—	—
Totals	59	143	3	3

Infected Rooms Disinfected, 10, including Shelters; Method, Formalolehyde.

Other Action taken :—Printed Instructions and Disinfectants Supplied.

(Signed),

WILLIAM JOHN NICHOLLS.